THE ASTROPHYSICAL JOURNAL LETTERS

CONTENTS OF VOLUME 380, PART 2

1991 OCTOBER 10, Number 1

	Page	Fiche
THE UPPER BOUND TO THE PRIMORDIAL ABUNDANCE OF HELIUM AND THE CONSISTENCY OF THE HOT BIG BANG MODEL *Keith A. Olive, Gary Steigman, & Terry P. Walker*	L1	181-B1
CONSTRAINED REALIZATIONS OF GAUSSIAN FIELDS: A SIMPLE ALGORITHM *Yehuda Hoffman & Erez Ribak*	L5	181-B6
THE ORIGIN OF QUASAR CORRELATIONS *Neta A. Bahcall & Arati Chokshi*	L9	181-B11
SEARCH FOR STARBURSTS AMONG X-RAY-SELECTED GALAXIES: OPTICAL SPECTROSCOPY *Antonella Fruscione & Richard E. Griffiths*	L13	181-C1
THE RATE OF NEUTRON STAR BINARY MERGERS IN THE UNIVERSE: MINIMAL PREDICTIONS FOR GRAVITY WAVE DETECTORS *E. S. Phinney*	L17	181-C6
PROPERTIES OF THE SN 1987A CIRCUMSTELLAR RING AND THE DISTANCE TO THE LARGE MAGELLANIC CLOUD *N. Panagia, R. Gilmozzi, F. Macchetto, H.-M. Adorf, & R. P. Kirshner*	L23	181-D1
IONIZED CARBON IN THE LARGE MAGELLANIC CLOUD *R. T. Boreiko & A. L. Betz*	L27	181-D9
THREE NEWLY RECOGNIZED DWARF CARBON STARS *Paul J. Green, Bruce Margon, & D. Jack MacConnell*	L31	181-E1
CONSTRAINTS ON THE COMPANION OBJECT TO HD 114762 *William D. Cochran, Artie P. Hatzes, & Terry J. Hancock*	L35	181-E6
DETECTION OF A NEW CARBON-CHAIN MOLECULE, CCO *Masatoshi Ohishi, Hiroko Suzuki, Shin-ichi Ishikawa, Chikashi Yamada, Hideto Kanamori, William M. Irvine, Ronald D. Brown, Peter D. Godfrey, & Norio Kaifu*	L39	181-E11
ON THE STATE OF THE EMITTER OF THE 3.3 MICRON UNIDENTIFIED INFRARED BAND: ABSORPTION SPECTROSCOPY OF POLYCYCLIC AROMATIC HYDROCARBON SPECIES *Gregory C. Flickinger, Thomas J. Wdowiak, & Percy L. Gómez*	L43	181-F1
INSTRUCTIONS TO AUTHORS OF *LETTERS*	*Inside Back Cover*	

1991 OCTOBER 20, Number 2

	Page	Fiche
THE CLUSTERING OF FAINT GALAXIES *G. Efstathiou, G. Bernstein, N. Katz, J. A. Tyson, & P. Guhathakurta*	L47	188-B1
A TWO-PHASE MODEL FOR THE X-RAY EMISSION FROM SEYFERT GALAXIES *F. Haardt & L. Maraschi*	L51	188-B6

	Page	Fiche
X-RAY DETECTABILITY OF GAMMA-RAY BURSTS FROM M31 *Edison P. Liang*	L55	188-B11
X-RAY EMISSION FROM STARBURST GALAXIES *Yoel Rephaeli, Duane Gruber, Massimo Persic, & Dan MacDonald*	L59	188-C1
INFRARED HOT SPOTS IN THE NUCLEUS OF NGC 253 *Duncan A. Forbes, Martin J. Ward, & D. L. DePoy*	L63	188-C6
ON THE NEBULOSITY SURROUNDING THE BL LACERTAE OBJECT PKS 2155 – 304 *R. Falomo, E. Giraud, L. Marashi, J. Melnick, E. G. Tanzi, & A. Treves*	L67	188-D1
GALACTIC CENTER GASDYNAMICS: A ONE-ARMED SPIRAL IN A KEPLERIAN DISK *J. H. Lacy, J. M. Achtermann, & E. Serabyn*	L71	188-D6
THE DISCOVERY OF A NEW, VERY STRONG, AND WIDESPREAD INTERSTELLAR METHANOL MASER LINE *Karl M. Menten*	L75	188-E1
DETECTION OF INTERSTELLAR H_3O^+: A CONFIRMING LINE *Alwyn Wootten, J. G. Mangum, B. E. Turner, M. Bogey, F. Boulanger, F. Combes, P. J. Encrenaz, & M. Gerin*	L79	188-E6
A CONNECTION BETWEEN LONG-TERM LUMINOSITY VARIATIONS AND ORBITAL PERIOD CHANGES IN CHROMOSPHERICALLY ACTIVE BINARIES *Douglas S. Hall*	L85	188-F1
AVALANCHES AND THE DISTRIBUTION OF SOLAR FLARES *Edward T. Lu & Russell J. Hamilton*	L89	188-F5
STATISTICAL PROPERTIES OF SHOCK-ACCELERATED IONS IN THE OUTER HELIOSPHERE *L. J. Lanzerotti, R. E. Gold, D. J. Thomson, R. E. Decker, C. G. Maclennan, & S. M. Krimigis*	L93	188-F10
INSTRUCTIONS TO AUTHORS OF *LETTERS*	*Inside Back Cover*	